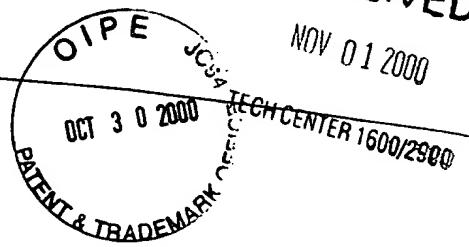


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NOV 01 2000



SEQUENCE LISTING

<110> Keyt, Bruce A..  
Nguyen, Francis H.  
Ferrara, Napoleone

<120> NUCLEIC ACIDS ENCODING VARIANTS OF VASCULAR ENDOTHELIAL  
CELL GROWTH FACTOR

<130> A-62326-2

<140> 09/346,069

<141> 1999-07-01

<150> 08/567,200

<151> 1995-12-05

<150> 60/002,827

<151> 1995-08-25

<160> 42

<170> PatentIn Ver. 2.1

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Asn Phe Leu Leu Ser Trp Val His Trp Ser Leu Ala Leu Leu Tyr  
5 10 15

ctc cac cat gcc aag tgg tcc cag gct gca ccc atg gca gaa gga gga 155  
Leu His His Ala Lys Trp Ser Gln Ala Ala Pro Met Ala Glu Gly Gly  
20 25 30

ggg cag aat cat cac gaa gtg gtg aag ttc atg gat gtc tat cag cgc 203  
Gly Gln Asn His His Glu Val Val Lys Phe Met Asp Val Tyr Gln Arg

35

40

45

agc tac tgc cat cca atc gag acc ctg gtg gac atc ttc cag gag tac 251  
 Ser Tyr Cys His Pro Ile Glu Thr Leu Val Asp Ile Phe Gln Glu Tyr  
 50 55 60 65

cct gat gag atc gag tac atc ttc aag cca tcc tgt gtg ccc ctg atg 299  
 Pro Asp Glu Ile Glu Tyr Ile Phe Lys Pro Ser Cys Val Pro Leu Met  
 70 75 80

cga tgc ggg ggc tgc aat gac gag ggc ctg gag tgt gtg ccc act 347  
 Arg Cys Gly Gly Cys Cys Asn Asp Glu Gly Leu Glu Cys Val Pro Thr  
 85 90 95

gag gag tcc aac atc acc atg cag att atg cg<sup>g</sup> atc aaa cct cac caa 395  
 Glu Glu Ser Asn Ile Thr Met Gln Ile Met Arg Ile Lys Pro His Gln  
 100 105 110

ggc cag cac ata gga gag atg agc ttc cta cag cac aac aaa tgt gaa 443  
 Gly Gln His Ile Gly Glu Met Ser Phe Leu Gln His Asn Lys Cys Glu  
 115 120 125

tgc aga cca aag aaa gat aga gca aga caa gaa aat ccc tgt ggg cct 491  
 Cys Arg Pro Lys Lys Asp Arg Ala Arg Gln Glu Asn Pro Cys Gly Pro  
 130 135 140 145

tgc tca gag cgg aga aag cat ttg ttt gta caa gat ccg cag acg tgt 539  
 Cys Ser Glu Arg Arg Lys His Leu Phe Val Gln Asp Pro Gln Thr Cys  
 150 155 160

aaa tgt tcc tgc aaa aac aca gac tcg cgt tgc aag gc<sup>g</sup> agg cag ctt 587  
 Lys Cys Ser Cys Lys Asn Thr Asp Ser Arg Cys Lys Ala Arg Gln Leu  
 165 170 175

B  
CMT

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 Glu Leu Asn Glu Arg Thr Cys Arg Cys Asp Lys Pro Arg Arg  
 180 185 190

gccgggcagg aggaaggagc ctccctcagg gtttcgggaa ccagatctt caccagggaa 692

gactgataca gaacgatcga tacagaaaacc acgctgccgc caccacacca tcaccatcga 752

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tttgggtccg gagggcgaga ctccggcgga agcattcccgg ggcgggtgac ccagcacgg 872

ccctcttggaa attggattcg ccattttatt tttcttgctg ctaaatcacc gagccccggaa 932

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Gly	Gly	Gln	Asn	His	His	Glu	Val	Val	Lys	Phe	Met	Asp	Val	Tyr	Gln
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Arg	Ser	Tyr	Cys	His	Pro	Ile	Glu	Thr	Leu	Val	Asp	Ile	Phe	Gln	Glu
	50					55					60				
Tyr	Pro	Asp	Glu	Ile	Glu	Tyr	Ile	Phe	Lys	Pro	Ser	Cys	Val	Pro	Leu
	65				70				75					80	
Met	Arg	Cys	Gly	Gly	Cys	Cys	Asn	Asp	Glu	Gly	Leu	Glu	Cys	Val	Pro
					85				90					95	
Thr	Glu	Glu	Ser	Asn	Ile	Thr	Met	Gln	Ile	Met	Arg	Ile	Lys	Pro	His
					100			105					110		
Gln	Gly	Gln	His	Ile	Gly	Glu	Met	Ser	Phe	Leu	Gln	His	Asn	Lys	Cys
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Glu	Cys	Arg	Pro	Lys	Lys	Asp	Arg	Ala	Arg	Gln	Glu	Asn	Pro	Cys	Gly
					130			135			140				
Pro	Cys	Ser	Glu	Arg	Arg	Lys	His	Leu	Phe	Val	Gln	Asp	Pro	Gln	Thr
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Cys	Lys	Cys	Ser	Cys	Lys	Asn	Thr	Asp	Ser	Arg	Cys	Lys	Ala	Arg	Gln
					165				170			175			
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<212> DNA  
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<210> 6  
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<210> 8  
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24

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<400> 14  
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*art*

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B  
C  
&  
  
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Cmt'

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